

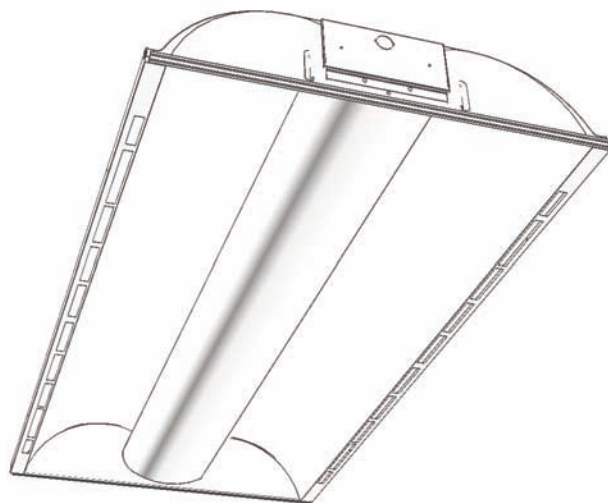
Coffaire II Recessed Fluorescent CFA2GPF232 or 332

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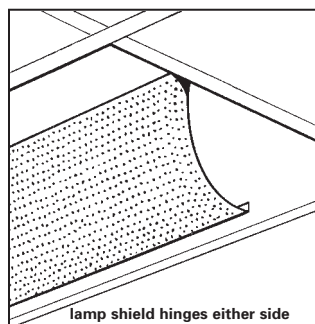
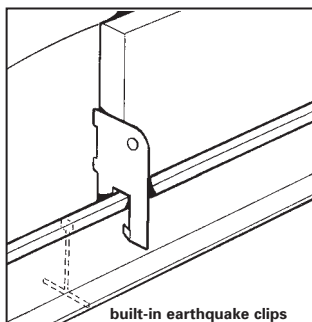
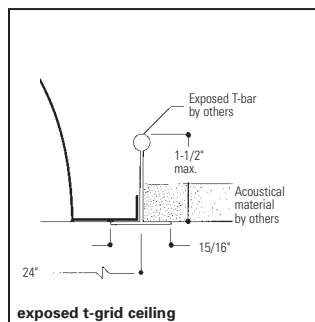
Direct/Indirect – 2' x 4' with Perforated Basket
Air Supply and Return, 2 Lamp or 3 Lamp T8

Features

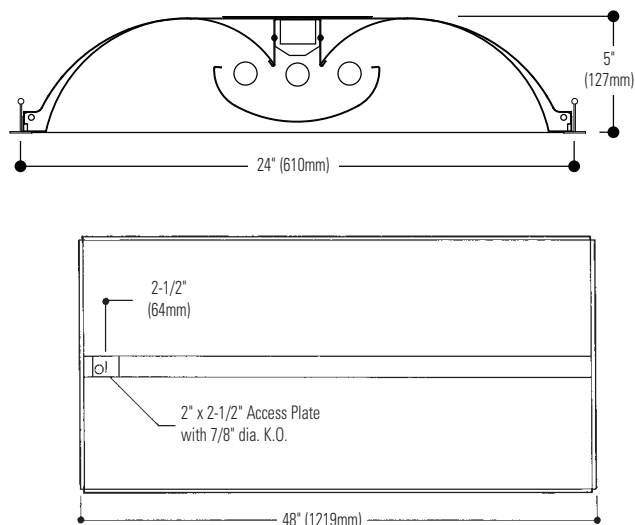
- Direct/indirect lamp shield appearance with soft contoured interior.
- Perforated mesh lamp shield with white acrylic overlay.
- Contoured body and ends.
- Air supply and return.
- Air return slots located above lamp shield.
- Air return models meet UL 1598, Paragraph 9.2.2.5 requirements.
- 63.8% efficient (2 lamp T8).
- 60.2% efficient (3 lamp T8).
- Spacing to mounting ratio 1.4 (2 lamp).
- Spacing to mounting ratio 1.3 (3 lamp).
- Only 5" deep.
- Tension screws secure ends to body.
- Perforated lamp shield hinges from either side.
- Can be continuous row mounted.
- Built-in earthquake clips.
- Ballast accessible from room side.
- Optional supply air slot cover.
- Meets NYC Code.
- Construction to meet Chicago Plenum requirements is available.



Mounting Methods



Dimensions



Job Information

Type:

Job Name:

Cat. No.:

Lamp(s):

Volts/Ballast:

Lightolier a Genlyte company

www.lightolier.com

Technical Information: (978) 657-7600 • Fax (978) 658-0595

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710

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Coffaire II Recessed Fluorescent CFA2GPF232 or 332

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Direct/Indirect – 2' x 4' with Perforated Basket
Air Supply and Return, 2 Lamp or 3 Lamp T8

Model No. CFA2GPF232120S0

LER = FP - 54.7 IW - 58.0 BF - 0.87
Comparative yearly lighting energy cost per
1000 lumens = \$4.39

Report Number: G2004255
Catalog Number: CFA2GPF232120S0
Lamps: F32/T8 TL841
Luminaire: Coffaire II with perforated
basket
Ballast: Triad B232IUNV-HP, 58 watts
Report is based on 2850 Lumens per lamp.
Efficiency: 63.8%
CIE Type-Direct-Indirect
Plane: 0-Deg 90-Deg
Spacing Criteria: 1.2 1.4
Shielding Angles: 90 90
Plane: 0-Deg 90-Deg
Luminous Length: 46.920 22.920

CANDELA DISTRIBUTION

	0.0	45.0	90.0	FLUX
0	1179	1179	1179	
5	1172	1174	1176	112
15	1120	1135	1151	321
25	1028	1067	1105	492
35	899	972	1031	606
45	742	851	931	651
55	555	705	794	618
65	357	528	614	504
75	175	308	243	281
85	37	43	47	52
90	0	0	0	

COEFFICIENTS OF UTILIZATION –
ZONAL CAVITY METHOD, EFFECTIVE
FLOOR CAVITY REFLECTANCE 0.20

RC	80	50	30	10	50	30	10
RW	70	50	30	10	50	30	10
1	69	66	63	62	60	58	58
2	63	57	53	54	50	47	49
3	57	50	45	47	43	39	45
4	52	44	38	42	37	33	40
5	48	39	33	37	32	29	36
6	44	35	29	33	29	25	32
7	41	32	26	30	25	22	29
8	38	29	23	28	23	19	27
9	35	27	21	25	21	18	25
10	33	25	19	24	19	16	23

LUMINANCE DATA IN CANDELA/SQ. METER

AVERAGE IN DEG.	AVERAGE 0-DEG.	AVERAGE 45-DEG.	AVERAGE 90-DEG.
45	1512.	1734.	1897.
55	1394.	1771.	1994.
65	1217.	1800.	2093.
75	974.	1715.	1353.
85	612.	711.	777.

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% FIXT
0- 30	925	16.2	25.4
0- 40	1531	26.9	42.1
0- 60	2800	49.1	77.0
0- 90	3636	63.8	100.0
90-180	0	0.0	0.0
0-180	3636	63.8	100.0

Model No. CFA2GPF33212003

LER = FP - 50.7 IW - 85 BF - 0.88
Comparative yearly lighting energy cost per
1000 lumens = \$4.73

Report Number: G2004256
Catalog Number: CFA2GPF33212003
Lamps: F32/T8 TL841
Luminaire: Coffaire II with perforated
basket
Ballast: SYL QT3X32T8 120, 89.0 watts
Report is based on 2850 Lumens per lamp.
Efficiency: 60.2%
CIE Type-Direct-Indirect
Plane: 0-Deg 90-Deg
Spacing Criteria: 1.2 1.3
Shielding Angles: 90 90
Plane: 0-Deg 90-Deg
Luminous Length: 46.920 22.920

CANDELA DISTRIBUTION

	0.0	45.0	90.0	FLUX
0	1733	1733	1733	
5	1722	1725	1729	164
15	1645	1688	1693	472
25	1507	1563	1613	720
35	1316	1412	1483	879
45	1076	1213	1310	930
55	801	983	1083	863
65	504	712	809	682
75	244	394	335	369
85	51	58	63	72
90	0	0	0	

COEFFICIENTS OF UTILIZATION –
ZONAL CAVITY METHOD, EFFECTIVE
FLOOR CAVITY REFLECTANCE 0.20

RC	80	50	30	10	50	30	10
RW	70	50	30	10	50	30	10
1	66	63	60	59	57	55	55
2	59	54	50	51	48	45	46
3	54	48	43	45	41	38	40
4	49	42	37	40	35	32	35
5	45	37	32	36	31	27	34
6	42	34	28	32	27	24	31
7	39	30	25	29	24	21	28
8	36	28	23	27	22	19	26
9	34	25	20	24	20	17	24
10	32	23	19	23	18	15	22

LUMINANCE DATA IN CANDELA/SQ. METER

AVERAGE IN DEG.	AVERAGE 0-DEG.	AVERAGE 45-DEG.	AVERAGE 90-DEG.
45	2192.	2472.	2669.
55	2012.	2469.	2720.
65	1718.	2427.	2758.
75	1358.	2193.	1865.
85	843.	959.	1041.

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% FIXT
0- 30	1356	15.9	26.3
0- 40	2235	26.1	43.4
0- 60	4027	47.1	78.2
0- 90	5150	60.2	100.0
90-180	0	0.0	0.0
0-180	5150	60.2	100.0

Ordering Information

Explanation of Catalog Number. Example: CFA2GPF232120S0

C	A	2	G	P	F	32	V	B	O
Coffaire II: Direct/ Indirect: Recessed with Perforated Mesh Shield	Body Style: A = Air Supply and Return	Fixture Width	Ceiling Type: Standard Grid	Perforated Lamp Shield	Flat White Reflector	Lamp Quantity 2=2 Lamp 3=3 Lamp	Lamp: (By Others) 32=T8 (Nominal 48")	Voltage: 120, 277 or UNV=120-277	Options: Add appropriate suffix to catalog no., ie: (GLR)
CF	Standard Coffaire II								
CN	For NYC Code – Local 3 Manufactured								

Options/Accessories

Optional supply air slot cover: Order Catalog Number: CACS-4.

Fusing: Internal fast blow fusing: SUFFIX: GLR.
Internal slow blow fusing: SUFFIX: GMF.

Drywall Kit: Order Catalog Number: FK92X4.

Electrical Wiring Options: Consult factory.

Chicago Plenum: SUFFIX: C.

Dust Shield: See Folio Number: OA50-20

Specifications

Performance: In an installation of 2 lamp 32W luminaires in a room cavity ratio of 1, with reflectance 80% ceiling, 50% wall, 20% floor, the C.U. shall not be less than .66. To reduce glare the average brightness at 65° shall not exceed 2093 candelas per square meter. To control veiling reflections, luminaire output in the 30°-90° zone shall not be less than 74.6%.

Materials: Chassis parts are die-formed code gauge steel.

Lamp Shield: 22 gauge steel perforated mesh lamp shield with white acrylic overlay.

Specifications (continued)

Finish: Chassis exterior – soft white post painted polyester powder. Cavity – soft white post painted polyester powder. Reflector – soft white post painted polyester powder, minimum 88% reflectance. Rust preventive undercoating.

Lamp Shield –white.

Electrical: Thermally protected class "P" ballast C.B.M. approved, non PCB. If K.O. is within 3" of ballast, use wire suitable for at least 90°. UL Listed for damp locations.

Labels: I.B.E.W./UL and ULc Listed.

Job Information

Type:

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